

IMiD 2025

The 25th International Meeting on Information Display
August 19-22, 2025 / BEXCO, BUSAN, KOREA

Session Title:	61. Oxide TFTs II
Session Date:	August 22 (Fri.), 2025
Session Time:	15:50-17:20
Session Room:	Room E (311~312)
Session Chair(s):	Prof. Shengdong Zhang (Peking Univ., China) Prof. Junhwan Choi (Dankook Univ., Korea)

[E61-1] [Invited]	15:50-16:15
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Materials Genome of H-Doped α -IGZO with Variable Metal Composition

Julia E. Medvedeva (Missouri Univ. of Science and Tech., USA)

[E61-2] [Invited]	16:15-16:40
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Innovative Applications of Thin-Film Transistors (TFTs) Technology for Novel Display, Active-Matrix sensing and on-Chip DNA Synthesis

Jiangwen Du, Zhe Liu, Ye Xiao, Suman Huo, Fan Wu, and Linrun Feng (LinkZill, China)

[E61-3] [Invited]	16:40-17:05
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A Transmissive Holographic Backplane with Sub-Micron-Channel Vertical TFTs for High-Aperture Pixel Arrays

Jae-Eun Pi, Sungmok Jo, Ji Hun Choi, Jong-Heon Yang, Yong-Hae Kim, Yong-Duck Kim, Hee-Ok Kim, Seung-Youl Kang, Jaehyun Moon, Sanghoon Cheon, and Chi-Sun Hwang (ETRI, Korea)

[E61-4]	17:05-17:20
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Influence of Hydrogen Defect Control on the Ultra-High Mobility IGZO Thin-Film Transistors

Seong Cheol Jang and Hyun-Suk Kim (Dongguk Univ., Korea)